

Attorney Docket No.: PENN-0583
Inventors: Lee and Doms
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In the Claims:

Please cancel claim 2.

Please add new claim 4.

B' -4. A method of inhibiting the processing of amyloid precursor protein into amyloid β peptides found in neuritic plaques and vascular deposits that accumulate in brains of patients with Alzheimer's disease comprising administering to a patient an agent which decreases processing of amyloid precursor protein into amyloid β peptides found in neuritic plaques and vascular deposits that accumulate in brains of patients with Alzheimer's disease wherein said agent is identified by:

- a) contacting NT2N cells with the agent suspected of decreasing amyloid precursor protein processing; and
- b) measuring levels of amyloid β peptides formed in the endoplasmic reticulum of the cells.--

REMARKS

Claim 2 is pending in this application. Claim 2 has been rejected. Claim 2 has been canceled. New claim 4 has been added to incorporate subject matter of the specification as filed.